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(54) Title: FLAME RETARDANT COMPOSITION WITH EXCELLENT PROCESSABILITY

(57) Abstract: The present invention is a flame retardant composition comprising (a) a first ethylene polymer; (b) a second ethylene polymer having a density less than 0.95 grams/cubic centimeter and being modified with an unsaturated aliphatic diacid anhydride; (c) a flame retardant; and (d) an ultra high molecular weight polysiloxane. The invention also includes a coating prepared from the flame retardant composition as well as a wire-and-cable construction made by applying the coating over a wire or a cable. The invention also includes articles prepared from the flame retardant composition, such as extruded sheets, thermoformed sheets, injection-molded articles, coated fabrics, construction materials and automotive materials.

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